



XVIII Corps & Fort Bragg

**Blended Training Model
for
Company and below size formations**

2011 Maneuver Conference
“21st Century Training for the Maneuver Force”
13 September 2011



Briefing Agenda

A- Fort Bragg Company level Live / Virtual / Constructive / Gaming Overview

B- Company level Blended Training

- 1. Company level Combined Arms Maneuver Live Fire Exercise**
- 2. Company level Counter-Insurgency Operations Training**
- 3. Company level Joint Operational Access Training**

C- Best Practice Utilization of Virtual Battle Space 2 (VBS2) as a Mission Rehearsal Tool

D- Way Ahead

E- Comments





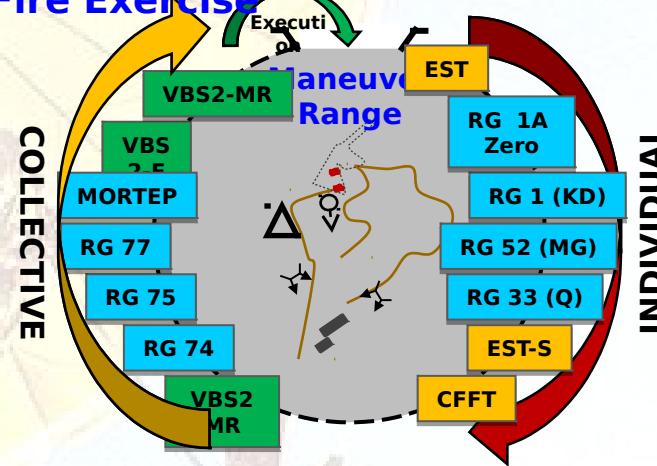
Fort Bragg Company level L,V,C,G Overview

| Mission Command | Movement and Maneuver | | Intelligence | Fires | Sustainment | Protection | |
|-----------------|-----------------------|--|---|--|-------------|--|----------|
| Live | CPOF FBCB2 BFT | Pistol (6) Zero RG (11) KD (1) Qual RG (6) M-Gun RG (9) Field-fire (1) MOUT (5) Shoot House (3) Convoy L-Fire (5) Sniper (2) Demo (3) Urban Assault (2) SQ/TM L-Fire(6) Grenade (4) | Multi-Purp (1) Shotgun (1) MK-19 (2) Drop Zone (7) UAS Strip (2) EOF HSTL PDTE Fleet Counter-IED Robotics Jumpmaster Site Exploit (SE) UXO Awareness Mine Hound | CIDNE ASAS DSGS TIGR CoIST COIC Tools AF/PAK Language AF/PAK Culture Biometrics Tactical Question | Ranges CREW | TC3 AMO | MET HEAT |
| Virtual | VRCT | VRCT CDT RVTT VRCT EST | TOW BST Javelin BST | HCC | CFFT | AVCATT TBOS TFPS LCT ABHFS | |
| Constructive | | IEW/TPT | | IEW/TPT | | | |
| Gaming | VBS2 Co TOCEX | VBS2 | | VBS2 Fires | | VBS2 | |



Company Level Blended Training Examples

Company level Combined Arms Maneuver Live Fire Exercise



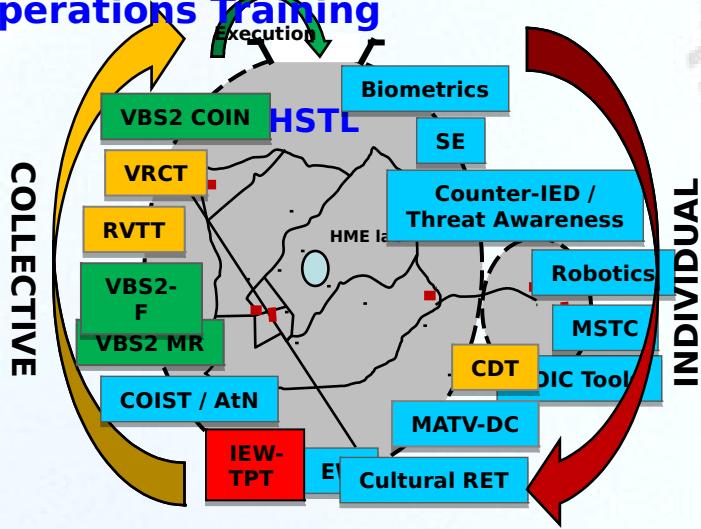
LEGEND

LIVE

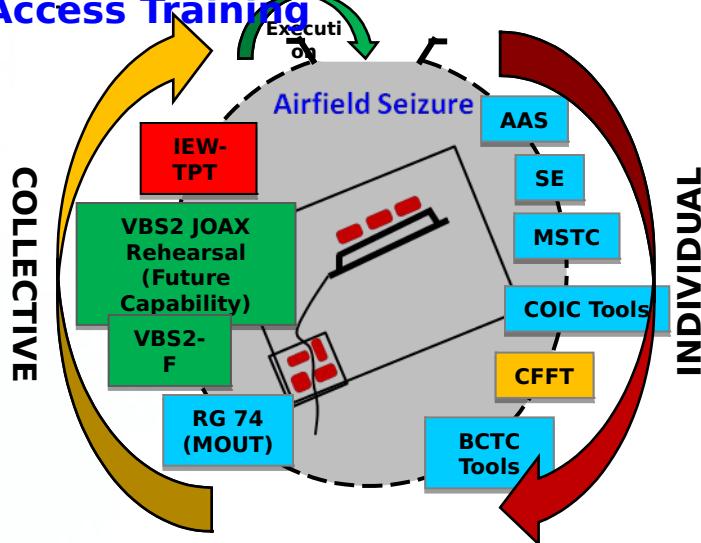
VIRTUAL

CONSTRUCTIVE
GAMING

Company level Counter-Insurgency Operations Training



Company level Joint Operational Access Training





Combined Arms Maneuver Live Fire Exercise (CAMLFLX)



CO

Blended
Training

Execute Live Fire
Event

Maneuver
Range

LEGEND

LIVE

VIRTUAL

CONSTRUCTI
VE
GAMING

Virtual Battle Space 2
Mission Rehearsal

Virtual Battle Space 2 FIST
Certification (VBS2-Fires)

Mortar Training and Evaluation Program
(OP13 & OP8)

Movement to Contact Live Fire
(RG 77)

Collective Urban Assault Training
(RG 74)

Advanced Rifle Marksmanship
(RG 75)

Virtual Battle
Space 2
Mission
Rehearsal

Battle Drill
Rehearsals (AREA-J)

Engagement Skills Trainer
(EST)

Zero Range
(RG 1A)

Known Distance Marksmanship
(RG 1)

Machine Gun Leaders Course
(RG 52)

Basic Rifle Marksmanship Qualification
(RG 33)

Engagement Skills Trainer Scenarios
(EST-S)

Call For Fire Trainer
(CFFT)

Collective Training
Tasks

Individual Training
Tasks

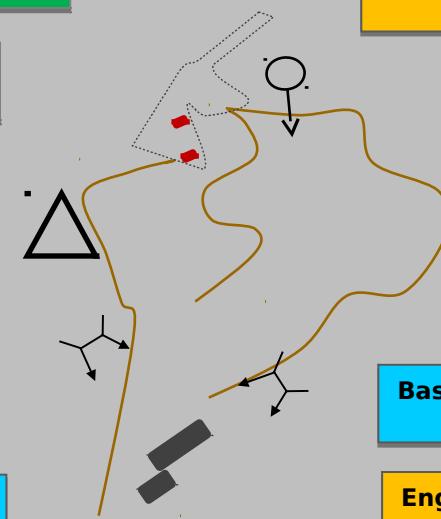
Execute

Rehearsal

Collective
L&G

Individual
L&V

Plannin
g





Company Level Counter Insurgency (COIN)



Exercise

Blended Training

Execute Live COIN Event

Home Station Training Lanes



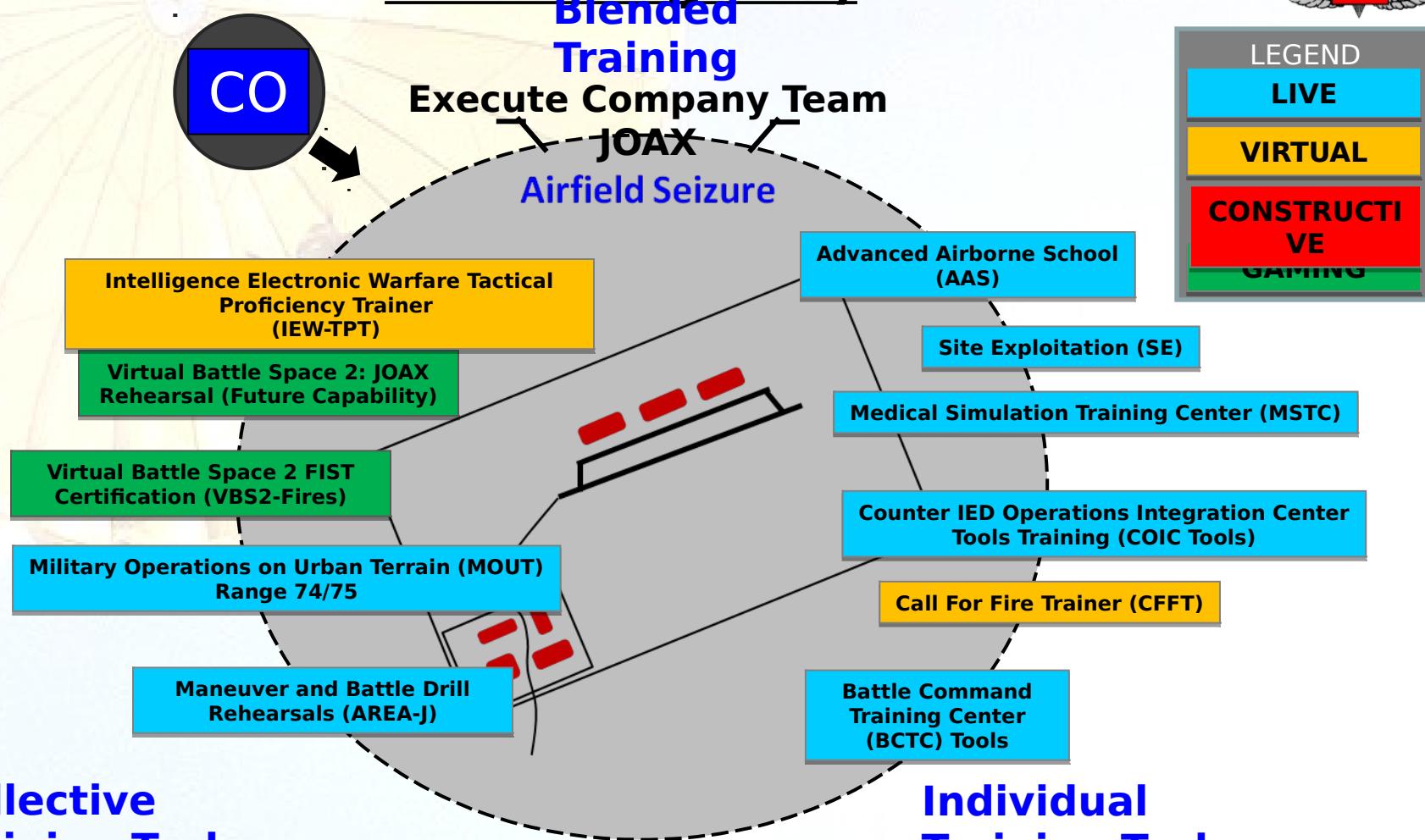
Collective Training Tasks



Individual Training Tasks



Company Team Joint Operational Access Exercise (JOAX)





VBS2 Mission Rehearsal Tool

A- 1st Brigade Combat Team, 82nd Airborne Division conducted a Company level Combined Arms Live Fire Exercise (CAMLFLX) and a Fire Support Control Exercise (FSCX) utilized VBS2 as the Combined Arms Rehearsal method prior to conducting the Live Fire Exercise. Exercises included 1-504 PIR, 2-504 PIR, 3-73 RSTA and 3-319th AFAR

B- Virtual rehearsals included the following key leaders:

- Brigade Commander (Oversight)
- Battalion Commanders
- Battalion FSO / FSNCOS
- Co Commanders
- Co FSO / FSNCOS
- Platoon Leaders
- Platoon FOs

C- Brigade and Battalion Commanders were able to monitor the rehearsal of the company, provide feedback, alter scenarios and coach-teach-mentor utilizing a virtual environment.

C- Integration of VBS2 Fires was utilized to rehearse Fires synchronization and embedded into the rehearsal

D- Fort Bragg training ranges were mapped into VBS2 to include structures, slope, obstacles and road networks to accurately depict the environment at the maneuver live fire range



1st BCT, 82nd Airborne Division Fire Support Coord Exercise



Day Attack (OP 13)

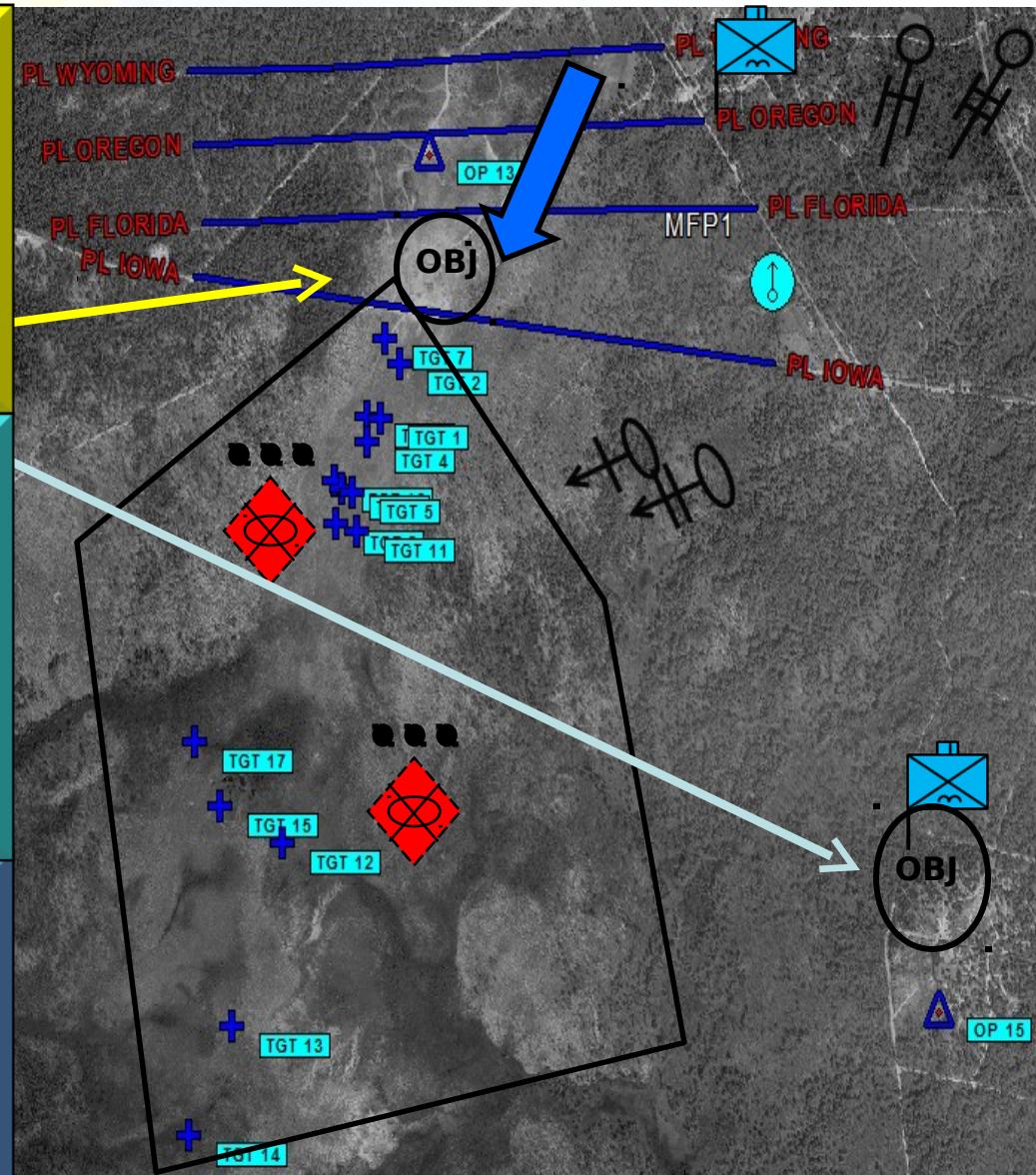
- IN CO conducts a deliberate attack on OP13. Movement to the OBJ is conducted utilizing echelonment of fires with available fire support assets.
- Companies prepare fire plans to utilize appropriate assets based off maneuver plan and MSDs of available assets

Night Defend (OP 13 / 15)

- 2 x IN CO plan defense, to include Engagement Area (EA) Development and synchronize defenses to support EA engagement
- CAS/Attack Aviation attack deep as the enemy begins its attack.
- Indirect Fires used on the enemy approach based on MSDs. FOs use trigger points to initiate fires.

ASSETS AVAILABLE

- 2 x 60mm MTR (CO)
- 4 x 81mm MTR (BN) (1-504th / 2-504th)
- 4 x 120mm MTR (BN) (3-73)
- 4 x 105mm HOW (B/3-319 AFAR)
- 3 x 155mm HOW (B/3-321st)
- US Army Attack Aviation (Notional)
- USMC Close Air Support (F-18 / AV-8B)



Fire Support Control Exercise (FSCX) Video

VBS2 Rehearsal & Live Fire

A landscape view of a hillside with sparse vegetation and a small building on top. The sky is clear and blue, with the sun visible in the upper left corner.



What we would like in the future....

A- Mission Rehearsal Tool for Forcible Entry Operations (Airfield Seizure) for Brigade Combat Team with enablers and a HICOM.

1- Joint Virtual Combined Arms Rehearsal to include:

- USAF Assets (Transport and Attack/Recon)
- Pre-Assault Fires
- Enroute Mission Planning Sequences / Contingencies
- Connectivity of other devices (AVCATT/CFFT/VBS2 Fires/TOW/Javelin)
- ISR feeds embedded into Rehearsal
- Virtual Rehearsal of Primary and Secondary Objectives
- Rehearsal in day / night and various weather conditions